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ATTORNEY DOCKET NO. ADV08 01008

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of Gerald T. Mearini et al.

Serial No.: 09/865,152

Art Unit: 1762

Filed: May 24, 2001

Examiner: Bret P. Chen

Title: OPTICAL FILTER CONSTRUCTION BY ATOMIC LAYER CONTROL FOR  
NEXT GENERATION DENSE WAVELENGTH DIVISION MULTIPLEXER

**TRANSMITTAL**

Mail Stop AF – No Fee  
Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

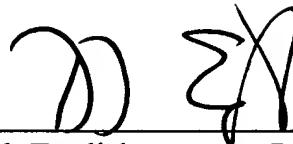
Transmitted herewith is an Amendment After Final Office Action dated June 30, 2004 and an Abstract for the above-identified application.

If a Petition for an Extension of Time is necessary for the papers transmitted herewith to be timely filed, this transmittal is to be considered as a petition to extend the period by the amount of time needed for the papers to be timely filed.

The Commissioner is hereby authorized to charge payment of any additional fees associated with this communication or credit any overpayment to Deposit Account No. 04-1679.

A duplicate of this sheet is enclosed.

Respectfully submitted,



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Dated: October 26, 2004



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GENERATION DENSE WAVELENGTH DIVISION MULTIPLEXER

**AMENDMENT AFTER FINAL**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Responsive to the Final Office Action dated June 30, 2004, please amend the application  
as follows:

Please amend the claims as shown beginning on page 2 of this Amendment.

Applicant's remarks begin on page 8 of this Amendment.